



# NDIA Conference

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*“Continuous Improvement” and “Customer Satisfaction”*



# Lessons Learned

*“Focus on making delivery commitments of quality product with whatever it takes to meet those promises”*

- √ Advanced planning or anticipated needs from customers is crucial to making commitments. (FN Manufacturing does an excellent job giving advanced notice)
- √ Ensure Compliance – A major focus on process excellence. Customers will not buy a non-conforming part.



# Lessons Learned

- √ Initiated stocking program for finished parts
- √ Level loading critical components
- √ Disengaging from weak suppliers and making sure our purchase orders mirrors our customers (government ratings etc.)
- √ Initiated stocking program for critical sourced materials. This is crucial due to “longer” lead times from material suppliers.



# Lessons Learned

- √ Average planned work utilizes only 60% of the machine tool capacity. Allows for spikes in demand for government contracts.
- √ Changing Culture – push to pull mentality
- √ Lean Manufacturing efforts – increase throughput, capacity and conformance.

# Lean and 6-Sigma Initiatives

*“Process Excellence”*

Process Excellence is a proven methodology which brings in the best disciplines from Lean, 6 Sigma and Business Process Reengineering.



*Goal: Improve On-Time Delivery, Free up capacity, improve quality, increase margins*

# Lean / 6-Sigma

## Lean:

- v Focus Flow and Customer delivery
- v Elimination of waste

## Six Sigma:

- v Focus on reduction of process variation
- v In depth statistical analysis



**Extrusion Machining Line, From 4-6 weeks delivery to 3 days after raw material**



**Assembly Area**



**Feed Lever Lean Cell**